

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 149/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-000061)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CAF		US- 6,669,439	12-30-2003	Kardasz et al.	
		US- 6,615,683	09-09-2003	Voigt	
		US- 6,524,076	02-25-2003	Konishi	
		US- 6,488,479	12-03-2002	Berger	
		US- 6,408,975	06-25-2002	Bishop et al.	
		US- 6,216,651	04-17-2001	Ishikawa et al.	
		US- 6,202,016	03-13-2001	Stephenson et al.	
		US- 6,155,797	12-05-2000	Kazuyoshi	
		US- 6,131,539	10-17-2000	Thomas	
		US- 6,079,380	06-27-2000	Jorgensen et al.	
		US- 6,065,433	05-23-2000	Hill	
		US- 6,053,137	04-25-2000	Trzmiel et al.	
		US- 5,996,541	12-07-1999	Voigt et al.	
		US- 5,921,758	07-13-1999	Anamoto et al.	
		US- 5,918,573	07-06-1999	Killion	
		US- 5,904,126	05-18-1999	McKay et al.	
		US- 5,863,189	01-26-1999	Sundberg et al.	
		US- 5,826,556	10-27-1998	Ruman et al.	
CAF		US- 5,800,131	09-01-1998	Lehmann et al.	

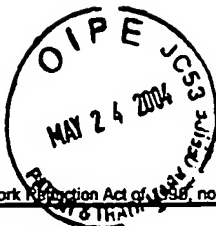
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CAF		DE 102 37 801	07-17-2003	Voigt		
		WO 03/058071	07-17-2003	Voigt		✓
		english translation of WO 03/058071	07-17-2003	Voigt		
		WO 01/55597	08-02-2001	Pascoe		
CAF		DE 40 38 549	07-17-2003	Wirbeleit		✓
		english translation of DE 40 28 549	07-17-2003	Voigt		

Examiner Signature	Freay	Date Considered	9-29-04
--------------------	-------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 6**Complete if Known**

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-000061)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CAF		US- 5,797,732	08-25-1998	Watanabe et al.	
		US- 5,752,815	05-19-1998	Muller	
		US- 5,690,479	11-25-1997	Lehmann et al.	
		US- 5,630,383	05-20-1997	Kidera et al.	
		US- 5,618,165	04-08-1997	Larsson et al.	
		US- 5,588,504	12-31-1996	Spiegel et al.	
		US- 5,545,018	08-13-1996	Sundberg	
		US- 5,545,014	08-13-1996	Sundberg et al.	
		US- 5,544,628	08-13-1996	Voigt	
		US- 5,467,843	11-21-1995	Esch et al.	
		US- 5,465,699	11-14-1995	Voigt	
		US- 5,490,770	02-13-1996	Oogushi	
		US- 5,485,725	01-23-1996	Teraoka	
		US- 5,484,271	01-16-1996	Stich	
		US- 5,435,698	07-25-1995	Phillips	
		US- 5,404,855	04-11-1995	Yen et al.	
		US- 5,398,505	03-21-1995	Oogushi et al.	
		US- 5,390,635	02-21-1995	Kidera et al.	
CAF		US- 5,355,851	10-18-1994	Kamiya	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CAF		DE 36 217 20	01-08-1987	Voigt		
		DE 32 386 50	04-19-1984	Voigt		
		DE 32 304 32	02-16-1984	Voigt		
		DE 37 295 45	03-24-1988	Voigt		
		DE 37 423 15	07-28-1988	Voigt		
CAF		DE 38 243 98	02-02-1989	Otto et al.		

Examiner
Signature

Frey

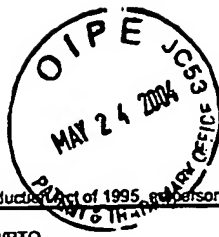
Date
Considered

9/29/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **3** of **6****Complete if Known**

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CJP		US- 5,353,753	10-11-1994	McGrath et al.	
		US- 5,339,776	08-23-1994	Regueiro	
		US- 5,315,971	05-31-1994	Yamada	
		US- 5,273,020	12-28-1993	Hayami	
		US- 5,239,885	08-31-1993	Voigt	
		US- 5,195,474	03-23-1993	Urata et al.	
		US- 5,190,003	03-02-1993	Voigt	
		US- 5,141,418	08-25-1992	Ohtaki et al.	
		US- 5,105,679	04-21-1992	Voigt	
		US- 5,101,789	04-07-1992	Voigt et al.	
		US- 5,090,881	02-25-1992	Suzuki et al.	
		US- 5,085,187	02-04-1992	Black	
		US- 5,078,233	01-07-1992	Oetting et al.	
		US- 5,067,454	11-26-1991	Waddington et al.	
		US- 5,063,895	11-12-1991	Ampferer	
		US- 5,052,896	10-01-1991	Fischer et al.	
		US- 5,017,098	05-21-1991	Hansen et al.	
		US- 4,976,230	12-11-1990	Voigt	
		US- 4,974,562	12-04-1990	Ishii et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
		DE 38 40 909	06-29-1989	Voigt		
		DE 39 25 249	03-01-1990	Voigt		
		DE 42 42 871	06-23-1994	Straetz		
		DE 101 41 786	03-20-2003	Scholl		
		DE 44 44 819	06-20-1996	Luedtke		
		DE 101 44 693	03-27-2003	Voigt		

Examiner
Signature

Frey

Date
Considered

9/29/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1998, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 6

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CER		US- 4,905,807	03-06-1990	Rohs et al.	
		US- 4,850,269	07-25-1989	Hancock et al.	
		US- 4,825,692	05-02-1989	Rohs et al.	
		US- 4,803,969	02-14-1989	Hiereth et al.	
		US- 4,774,918	10-04-1988	Kurio et al.	
		US- 4,754,738	07-05-1988	Grohn et al.	
		US- 4,740,142	04-26-1988	Rohs et al.	
		US- 4,738,330	04-19-1988	Suzuki et al.	
		US- 4,710,106	12-01-1987	Iwata et al.	
		US- 4,693,081	09-15-1987	Nakamura et al.	
		US- 4,632,638	12-30-1986	Shibayama et al.	
		US- 4,538,974	09/03/1985	Stich et al.	
		US- 4,531,898	07-30-1985	Ideta	
		US- 4,531,706	07-30-1985	Weiger et al.	
		US- 4,510,962	04-16-1985	Mott et al.	
		US- 4,496,288	01-29-1985	Nakamura et al.	
		US- 4,468,173	08-28-1984	Dantlgraber	
		US- 4,450,818	05-29-1984	Thoma et al.	
CER		US- 4,369,743	01-25-1983	Holt et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CER		JP 62 294 790	12-22-1987	Takagi et al.		
		DE 43 02 610	01-30-1993	Weber et al.		
		CA 23 85 897	11-10-2003	Pascoe et al.		
		WO 01/79703	10-25-2001	Pascoe		
		EP 1 316 683	06-04-2003	Maier		
CER		EP 1 350 930	10-8-2003	Koenig et al.		

Examiner
Signature

Frey

Date
Considered

9/29/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 5

of 6

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MCP		US- 4,348,159	09-07-1982	Acheson	
		US- 4,328,480	05-04-1982	Keitel et al.	
		US- 4,325,215	04-20-1982	Yamamoto	
		US- 4,292,805	10-06-1981	Acheson	
		US- 4,259,039	03-31-1981	Arnold	
		US- 4,236,595	12-02-1980	Beck et al.	
		US- 4,222,718	09-16-1980	Lemke	
		US- 4,035,105	07-12-1977	Dantlgraber	
		US- 4,014,305	03-29-1977	Skinner	
		US- 3,973,881	08-10-1976	Melchinger	
		US- 3,918,855	11-11-1975	Bornholdt	
		US- 3,771,921	11-13-1973	Rohde et al.	
		US- 3,204,859	09-07-1965	Crooks	
		US- 3,011,308	12-05-1961	Wotring	
		US- 2,716,946	09-06-1955	Hardy	
CQF		US- 2001/0036412	11-01-2001	Konishi	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CQF		EP 1 130 262	09-05-2001	Voigt		
		FR 2 673 676	09-11-1992	Lazar et al.		
		FR 2 597 546	10-23-1987	Voigt		
		JP 8 14164	01-16-1996	Niwada		
		JP2001 159395	06-12-2001	Konishi		
CQF		JP 2001 173575	06-26-2001	Nakamura		

Examiner Signature	Freau	Date Considered	9-29-04
--------------------	-------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	6	of	6
-------	---	----	---

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code* Number* † End Code* (if known)	MM-DD-YYYY			
QRP		EP 1 076 164	02-14-2001	Wust		
QRP		2001-294166	10-23-2001	Yukihisa		
QRP		DE 37 11 792	10-22-1987	Voigt		
QRP		DE 34 46 603	01-11-1985	Tantardini		

**Examiner
Signature**

Fremy

**Data
Considered**

91-29-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/02a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Distribution of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 144B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Douglas G. Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code* Number* Kind Code* (if known)	MM-DD-YYYY		
CAF		JP 2001294166	10/23/2001	Yukihisa	
		English Abstract for JP 2001294166	10/23/2001	Yukihisa	
		JP 2001159395	06/12/2001	Satoshi	
		English Abstract for JP 2001159395	06/12/2001	Satoshi	
CAF		EP 1 350 930	10/08/2003	Hunter et al.	

Examiner Signature	Frany	Date Considered	9/29/04
-----------------------	-------	--------------------	---------

Signature T. K. K.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of considered. Include copy of this form with next communication to applicant. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁵ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁷ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language translation is attached.

Translation is attached. ☐ The information is required to obtain or retain a benefit by the public which is to file (and by the

This collection of information is required by 37 CFR 1.37 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or additional suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22315-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.